

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102219\
 Data File : VY000366.D
 Acq On : 22 Oct 2019 16:07
 Operator : SY/MD
 Sample : K5489-04
 Misc : 7.36G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SECONDARY-PILE-SLP

Quant Time: Oct 23 08:03:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

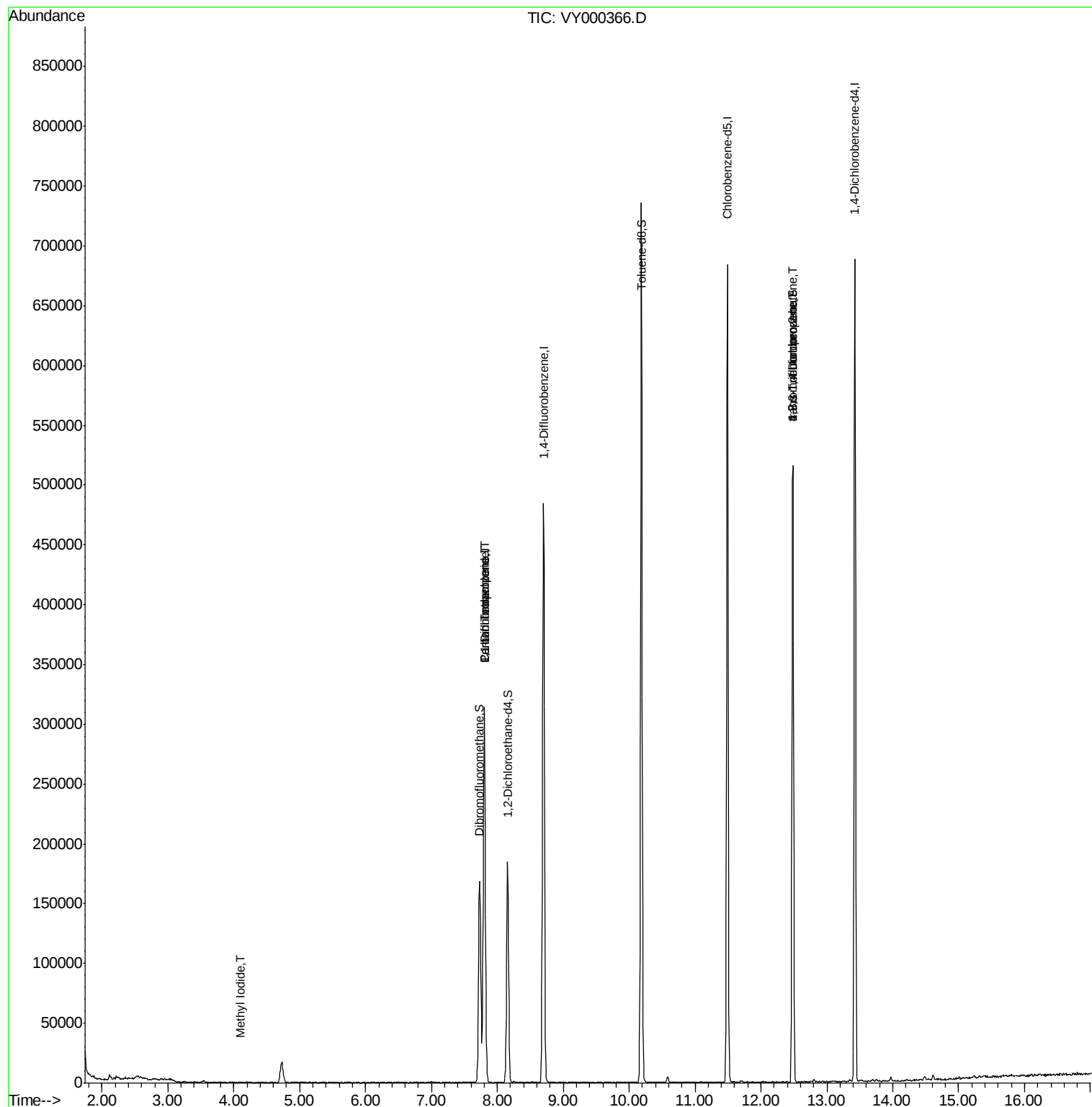
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	245232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	413606	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	360328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	163815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	139184	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
35) Dibromofluoromethane	7.74	113	117075	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
50) Toluene-d8	10.19	98	475551	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.48	95	162898	44.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.36%	
Target Compounds						
2) Dichlorodifluoromethane	1.91	85	77	Below Cal	#	41
10) Methyl Iodide	4.10	142	41	1.197	ug/l #	41
20) Methylene Chloride	4.74	84	13016	Below Cal		86
36) 1,1-Dichloropropene	7.80	75	18754	4.631	ug/l #	48
38) Carbon Tetrachloride	7.80	117	22962	5.856	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	83918	41.660	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	83918	91.150	ug/l #	14

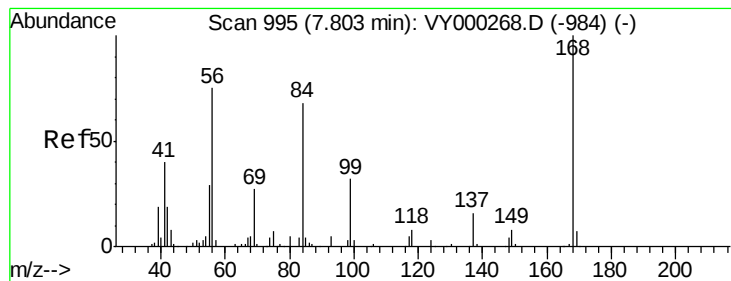
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000366.D

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MSVOA_Y

ClientSampleId :

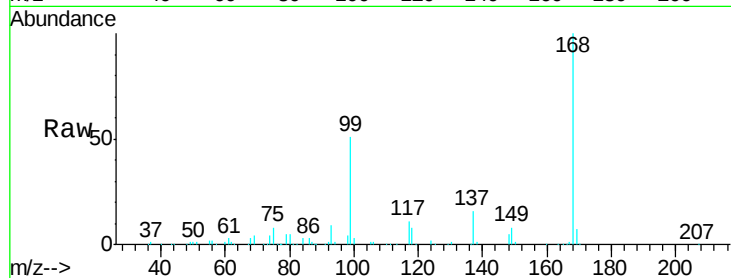
SECONDARY-PILE-SLP

Tgt Ion: 168 Resp: 245232

Ion Ratio Lower Upper

168 100

99 51.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)

7.80

120000

100000

80000

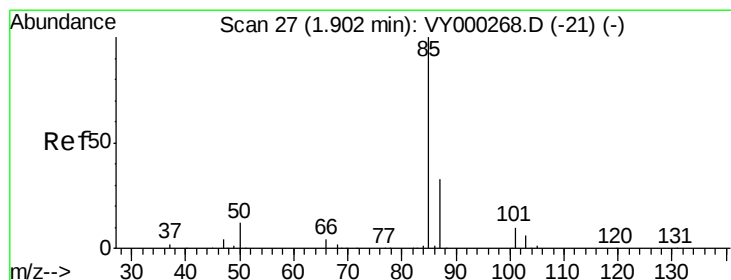
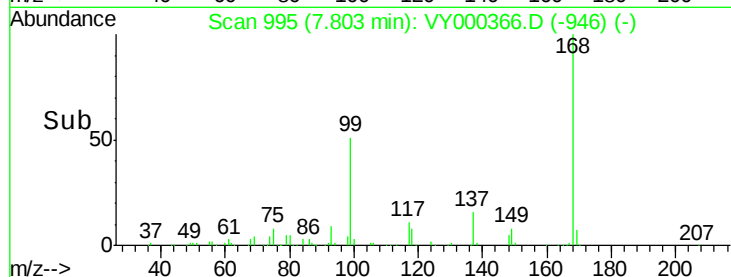
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY000366.D

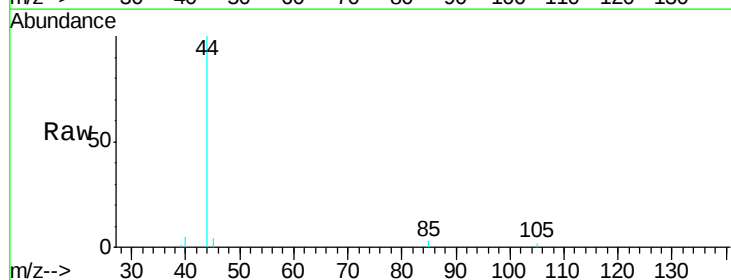
Acq: 22 Oct 2019 16:07

Tgt Ion: 85 Resp: 77

Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000268.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY000268.D (-21) (-)

1.91

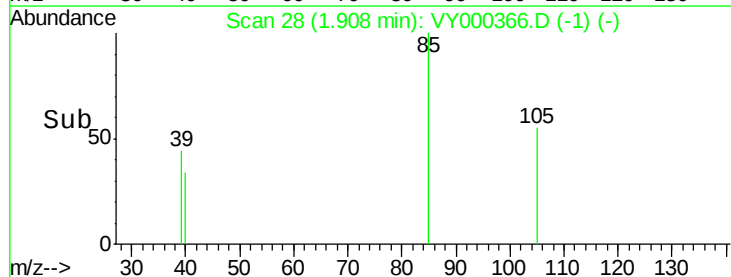
150

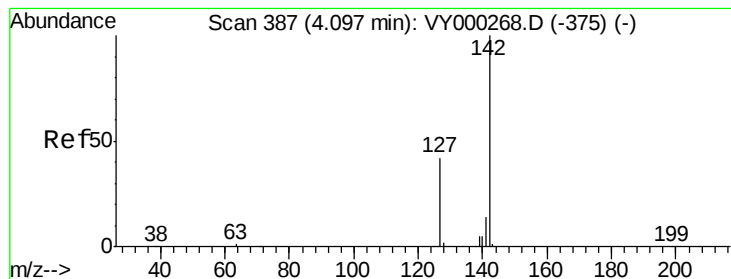
100

50

0

Time-->





#10

Methyl Iodide

Concen: 1.197 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000366.D

Acq: 22 Oct 2019 16:07

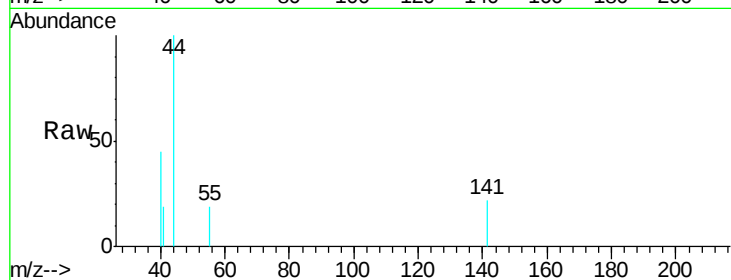
Instrument :

MSVOA_Y

ClientSampleId :

SECONDARY-PILE-SLP

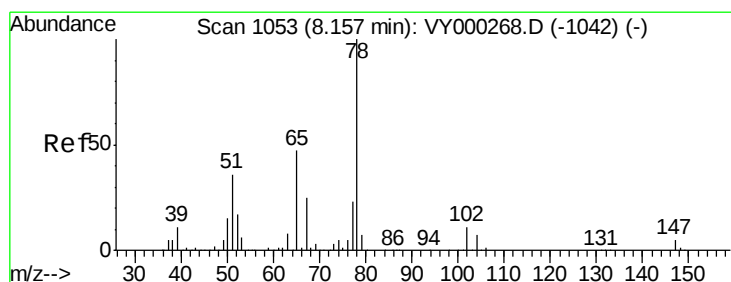
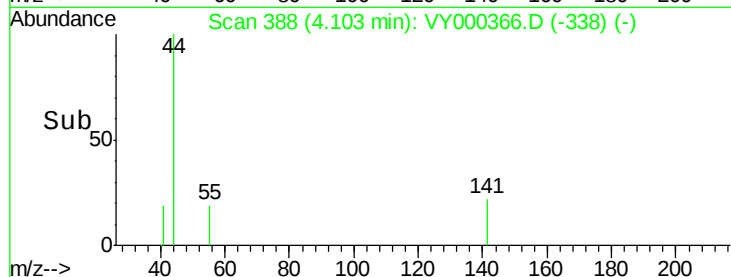
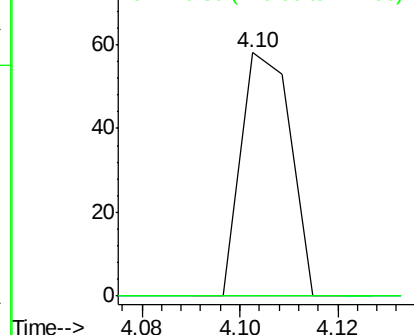
Tgt Ion:	142	Resp:	41
Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.9	50.9#
141	0.0	11.2	16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#33

1,2-Dichloroethane-d4

Concen: 53.805 ug/l

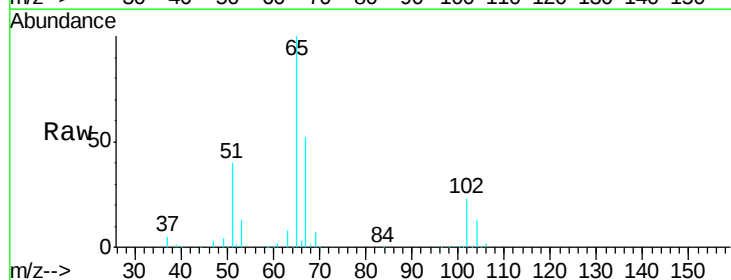
RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000366.D

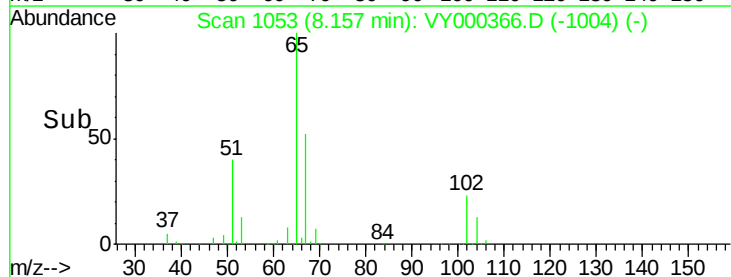
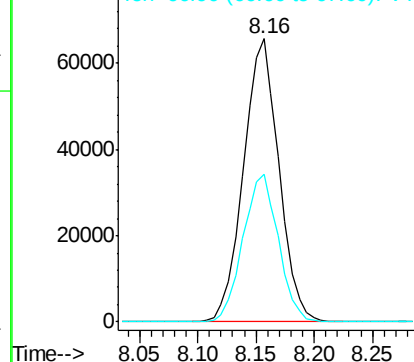
Acq: 22 Oct 2019 16:07

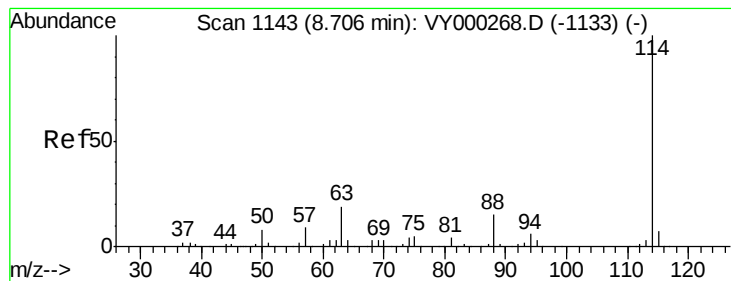
Tgt Ion:	65	Resp:	139184
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000366.D

Acq: 22 Oct 2019 16:07

Instrument :

MSVOA_Y

ClientSampleId :

SECONDARY-PILE-SLP

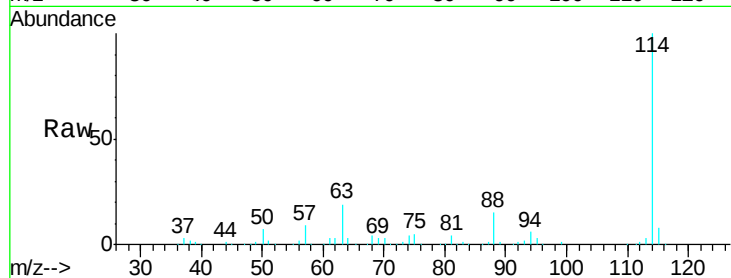
Tgt Ion:114 Resp: 413606

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.2

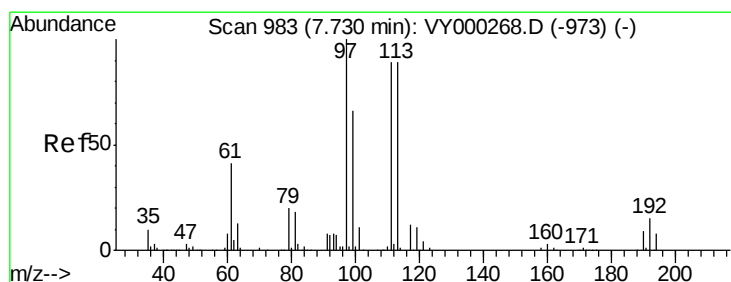
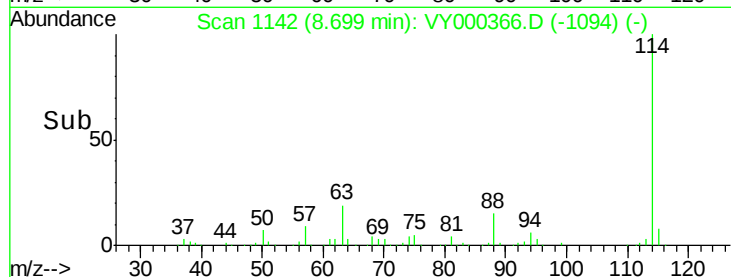
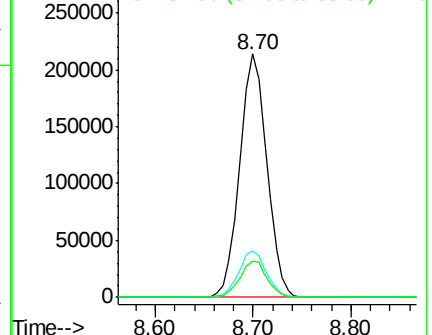
88 14.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 46.926 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000366.D

Acq: 22 Oct 2019 16:07

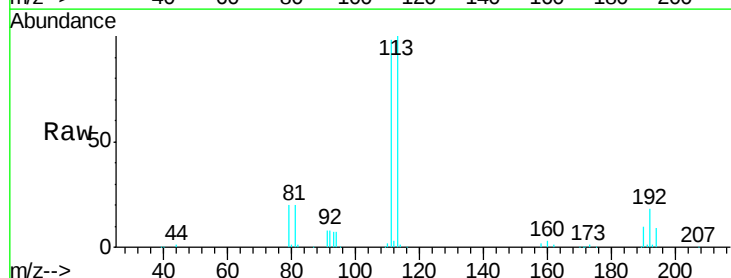
Tgt Ion:113 Resp: 117075

Ion Ratio Lower Upper

113 100

111 103.5 81.6 122.4

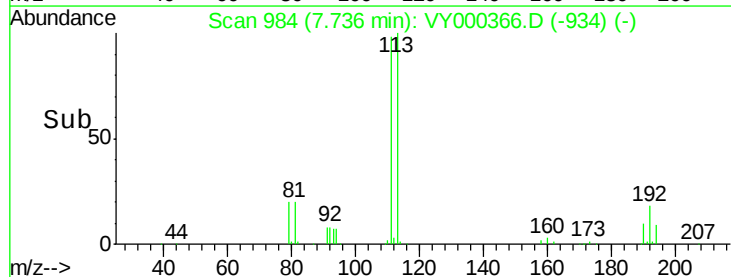
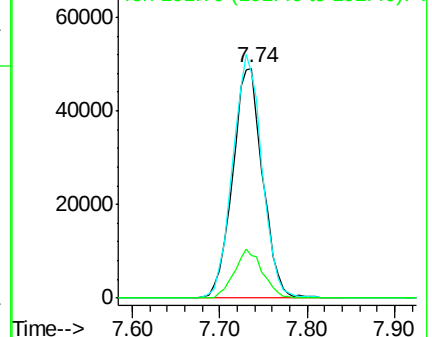
192 20.0 15.3 22.9

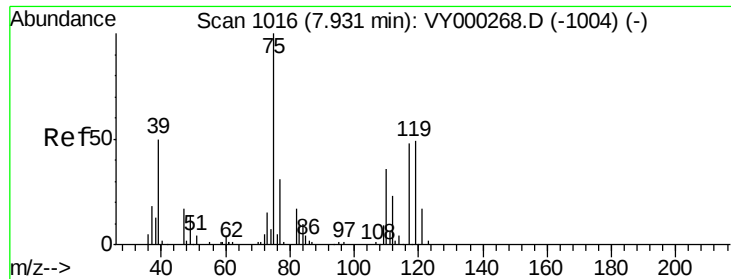


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

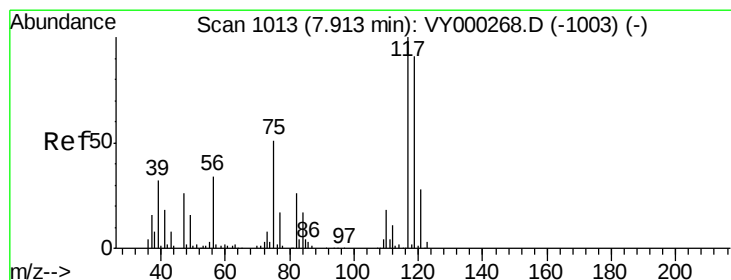
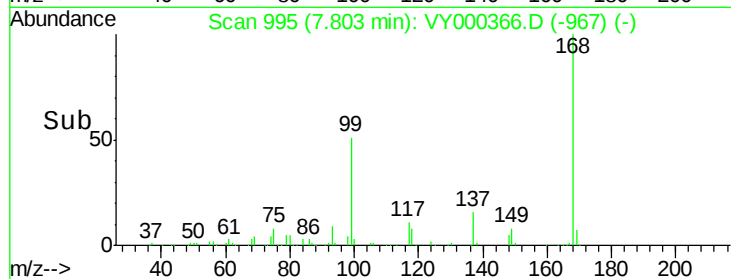
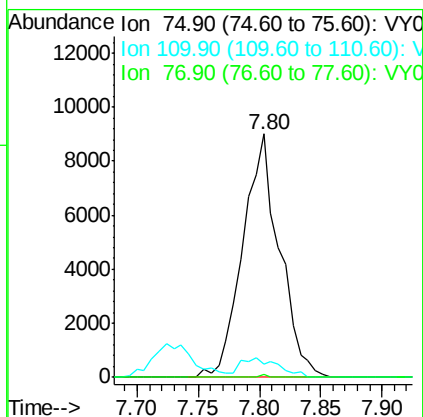
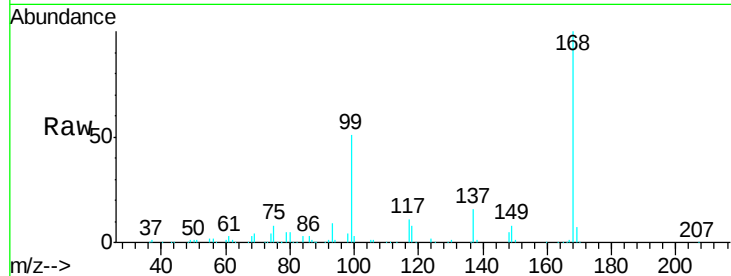




#36
 1,1-Dichloropropene
 Concen: 4.631 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000366.D
 Acq: 22 Oct 2019 16:07

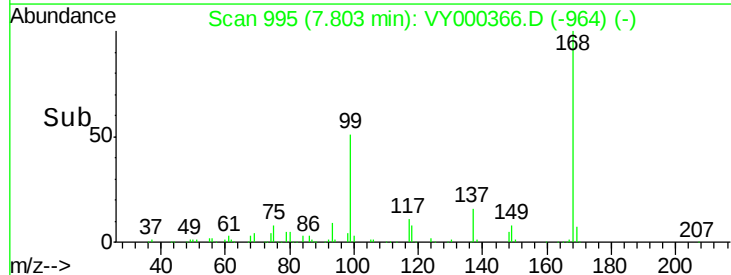
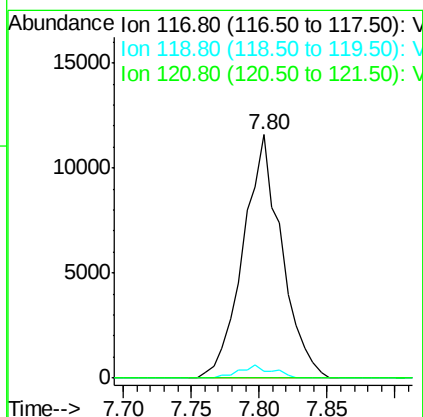
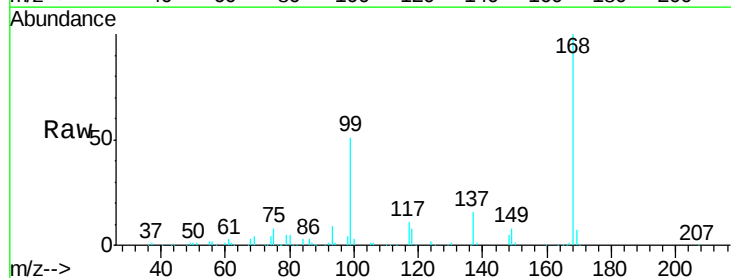
Instrument :
 MSVOA_Y
 ClientSampleId :
 SECONDARY-PILE-SLP

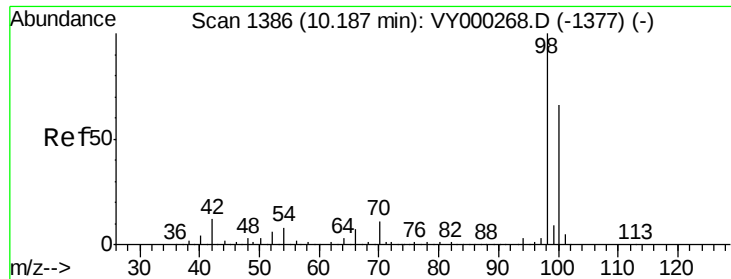
Tgt Ion: 75 Resp: 18754
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.4 55.4#
 77 0.2 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.856 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000366.D
 Acq: 22 Oct 2019 16:07

Tgt Ion: 117 Resp: 22962
 Ion Ratio Lower Upper
 117 100
 119 2.6 72.8 109.2#
 121 0.0 22.2 33.2#





#50

Toluene-d8

Concen: 49.551 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000366.D

Acq: 22 Oct 2019 16:07

Instrument :

MSVOA_Y

ClientSampleId :

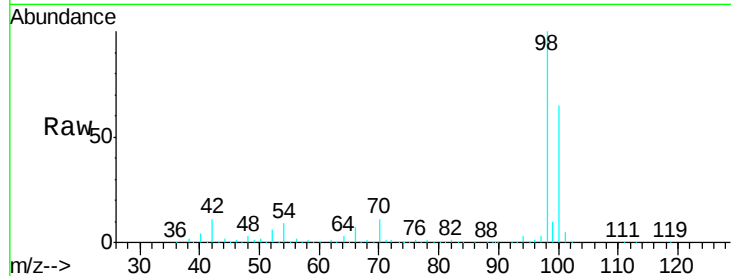
SECONDARY-PILE-SLP

Tgt Ion: 98 Resp: 475551

Ion Ratio Lower Upper

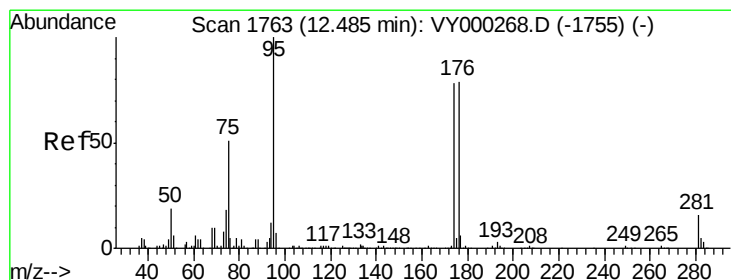
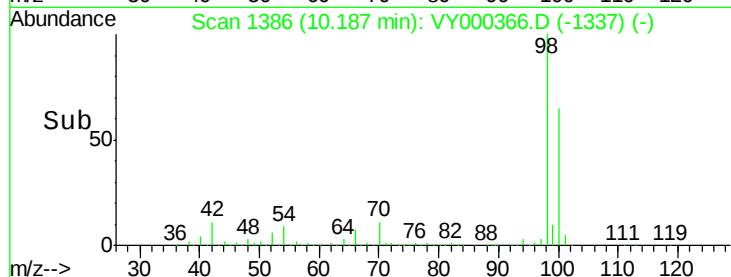
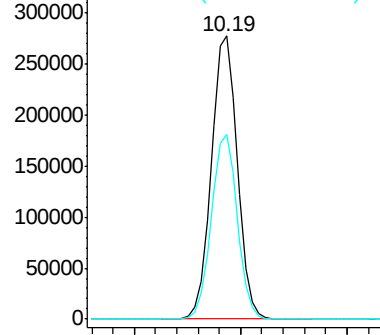
98 100

100 65.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 44.677 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000366.D

Acq: 22 Oct 2019 16:07

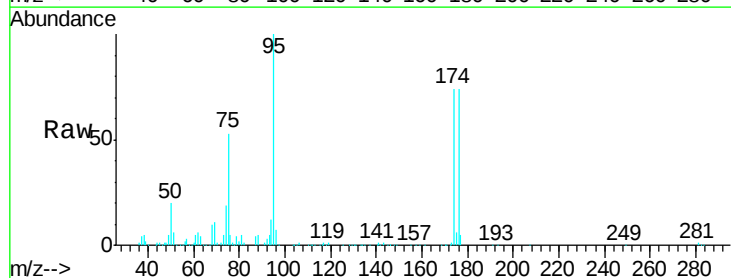
Tgt Ion: 95 Resp: 162898

Ion Ratio Lower Upper

95 100

174 80.3 0.0 159.6

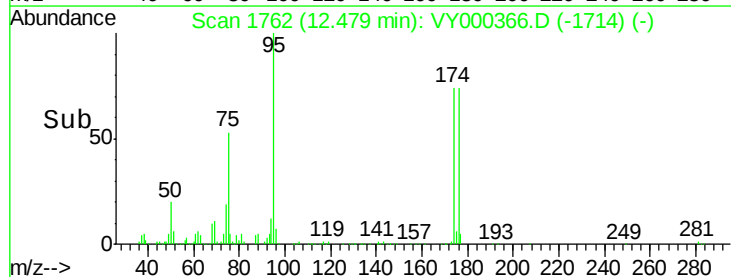
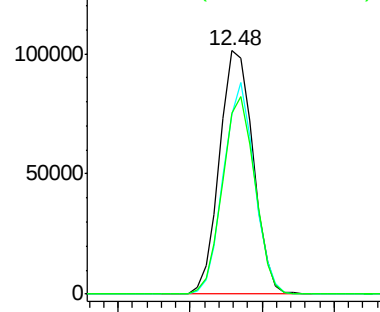
176 78.3 0.0 153.8

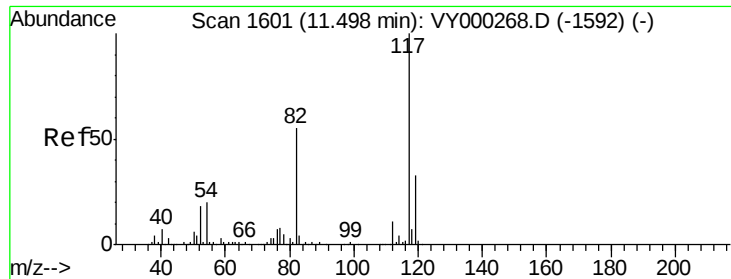


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

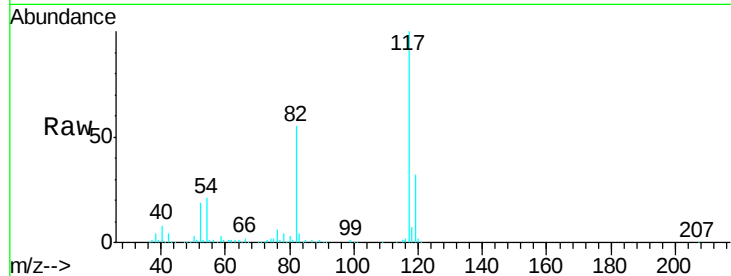




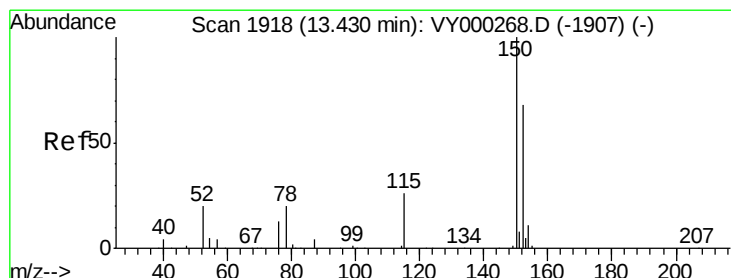
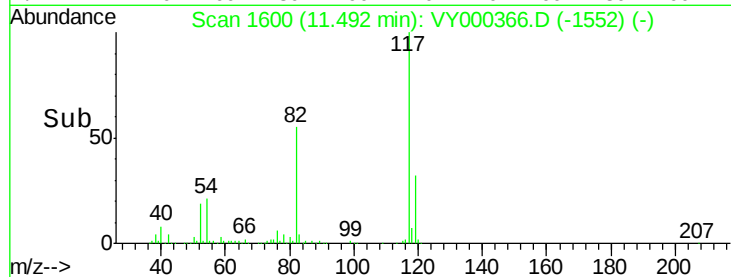
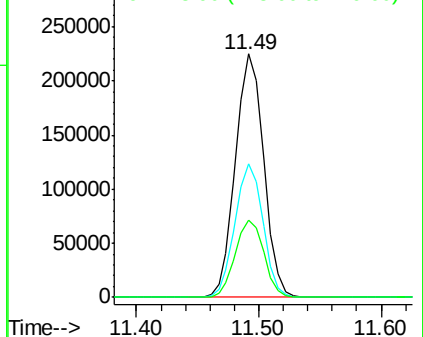
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000366.D
Acq: 22 Oct 2019 16:07

Instrument :
MSVOA_Y
ClientSampleId :
SECONDARY-PILE-SLP

Tgt Ion:117 Resp: 360328
Ion Ratio Lower Upper
117 100
82 54.8 43.7 65.5
119 32.0 26.6 39.8

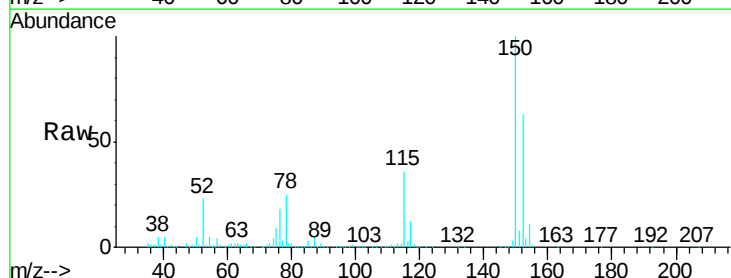


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

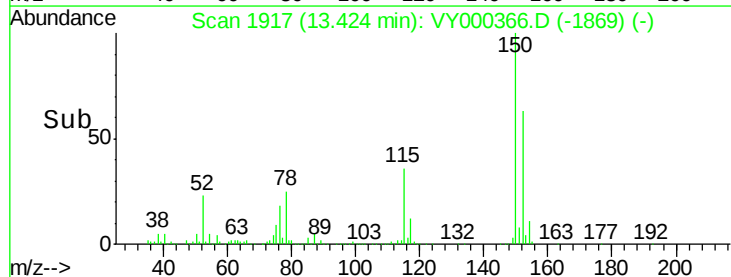
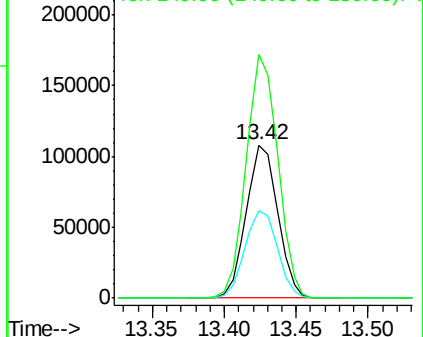


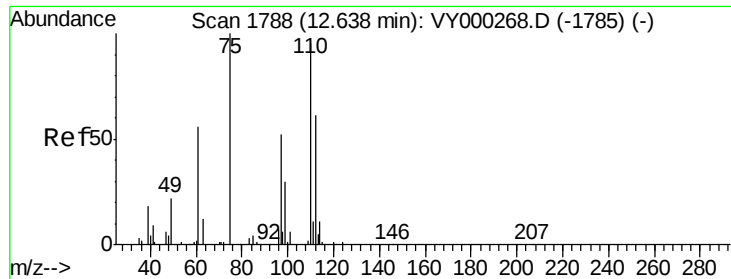
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000366.D
Acq: 22 Oct 2019 16:07

Tgt Ion:152 Resp: 163815
Ion Ratio Lower Upper
152 100
115 58.9 29.3 88.0
150 159.6 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

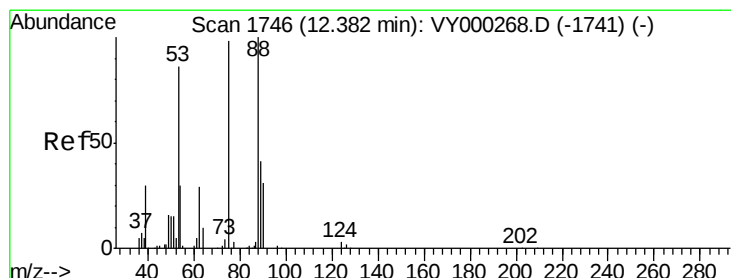
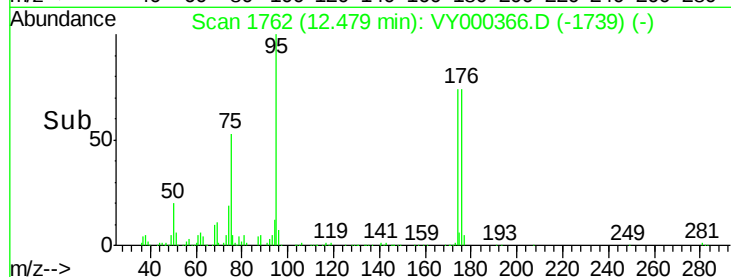
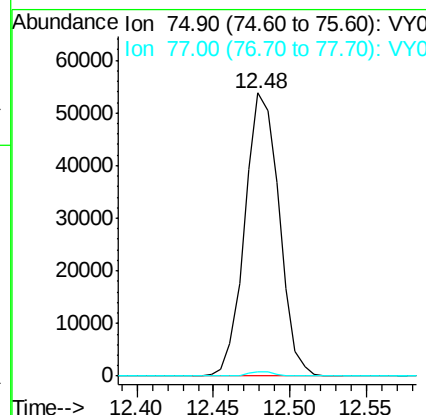
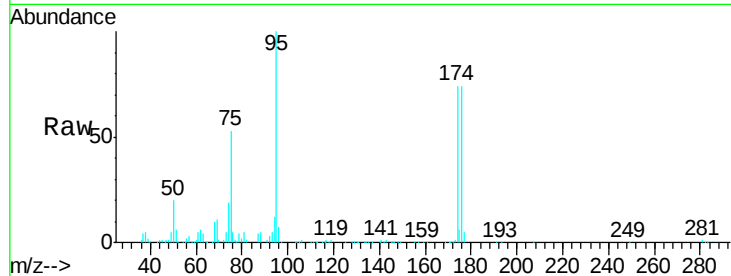




#76
 1,2,3-Trichloropropane
 Concen: 41.660 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.16 min
 Lab File: VY000366.D
 Acq: 22 Oct 2019 16:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 SECONDARY-PILE-SLP

Tgt Ion: 75 Resp: 83918
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.150 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY000366.D
 Acq: 22 Oct 2019 16:07

Tgt Ion: 75 Resp: 83918
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.3 106.9#
 89 0.0 35.1 52.7#

